

Fig. 1

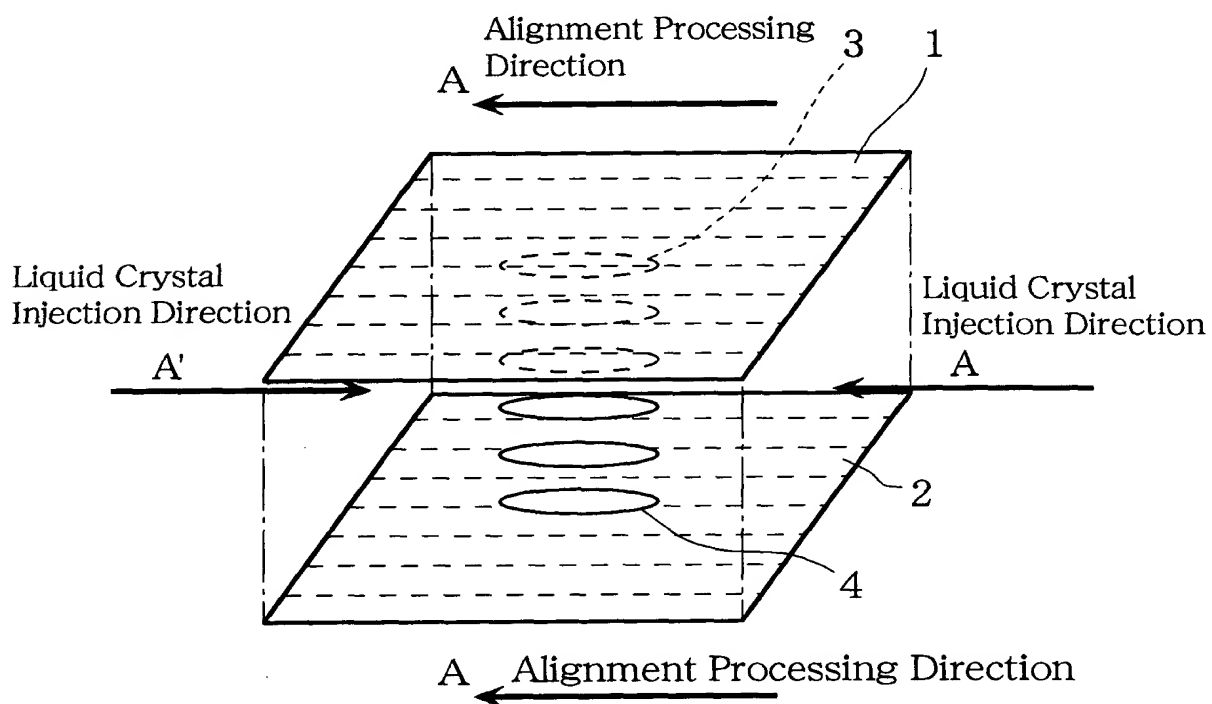
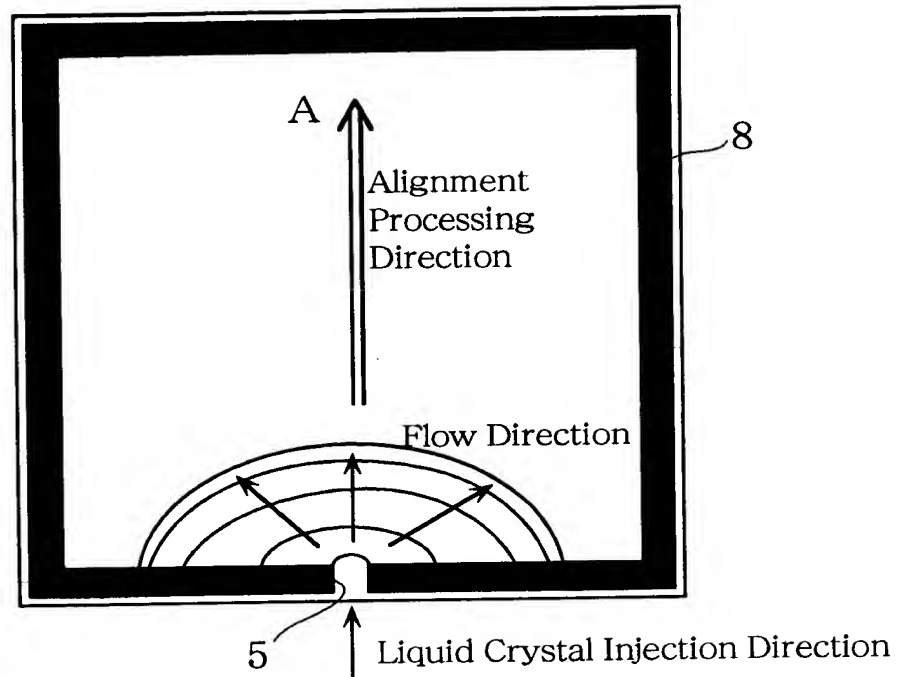


Fig. 2

(a)



(b)

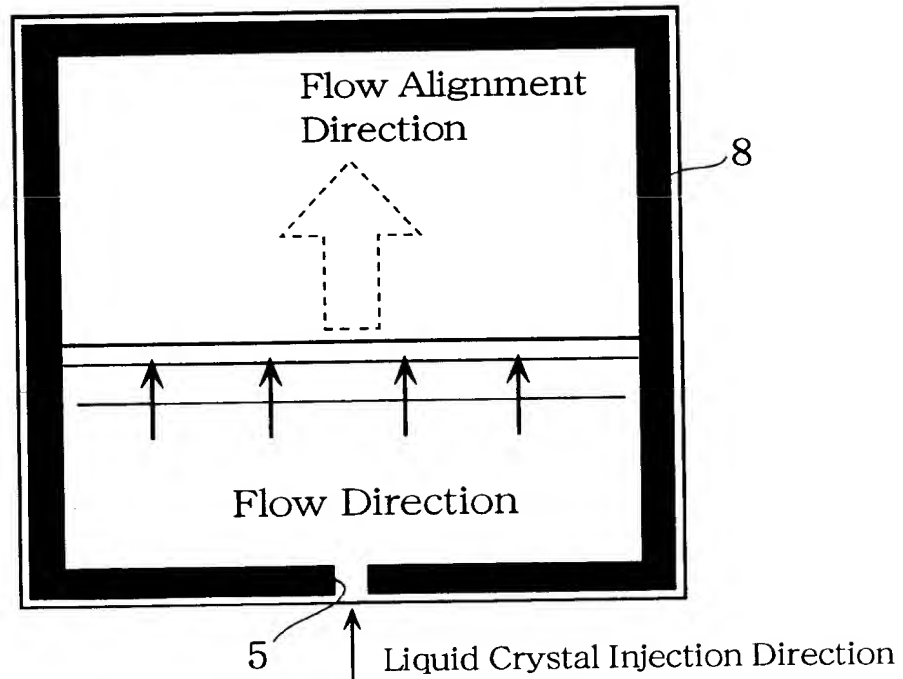


Fig. 3

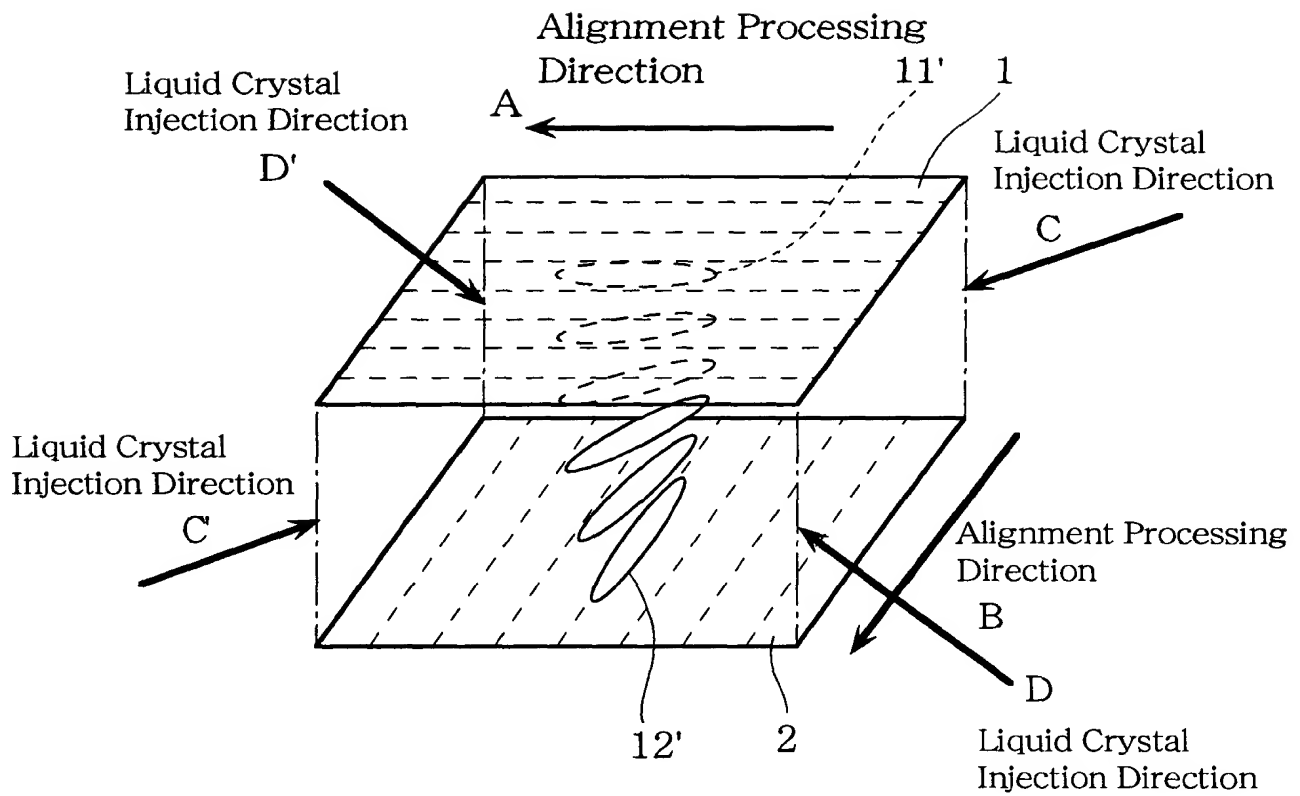


Fig. 4

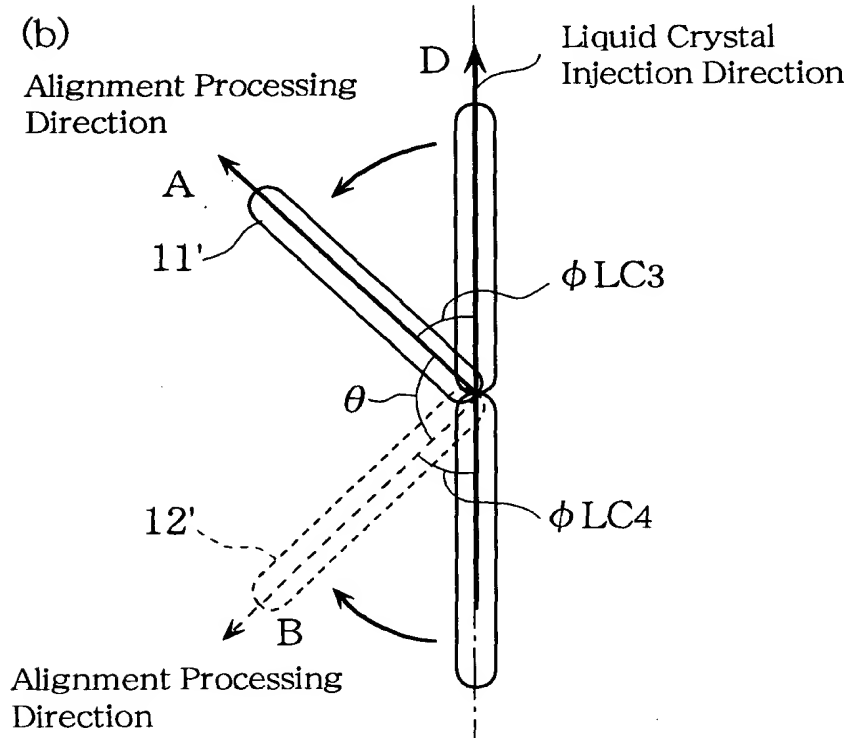
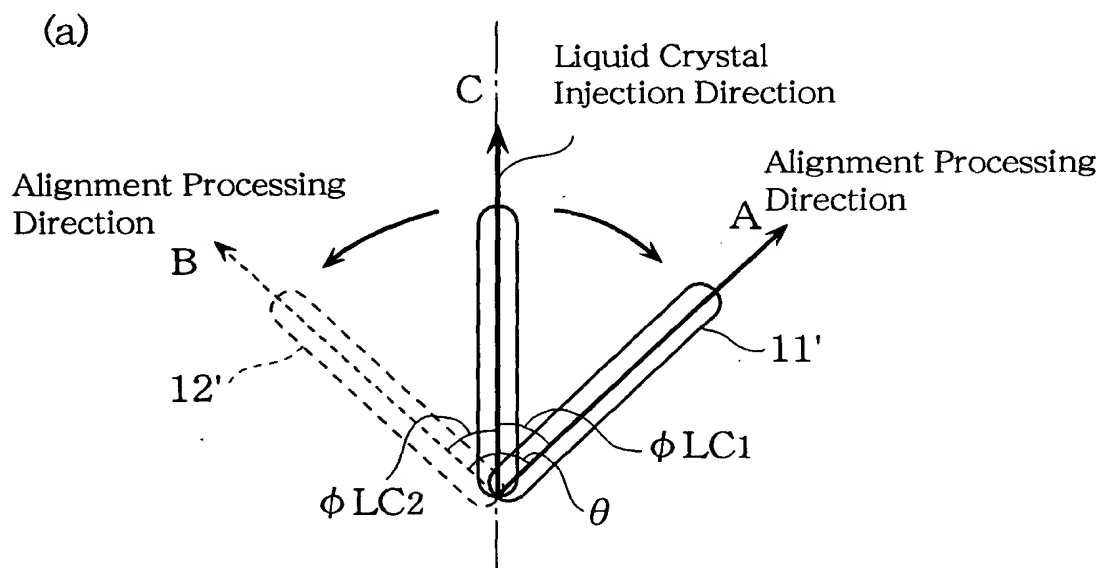
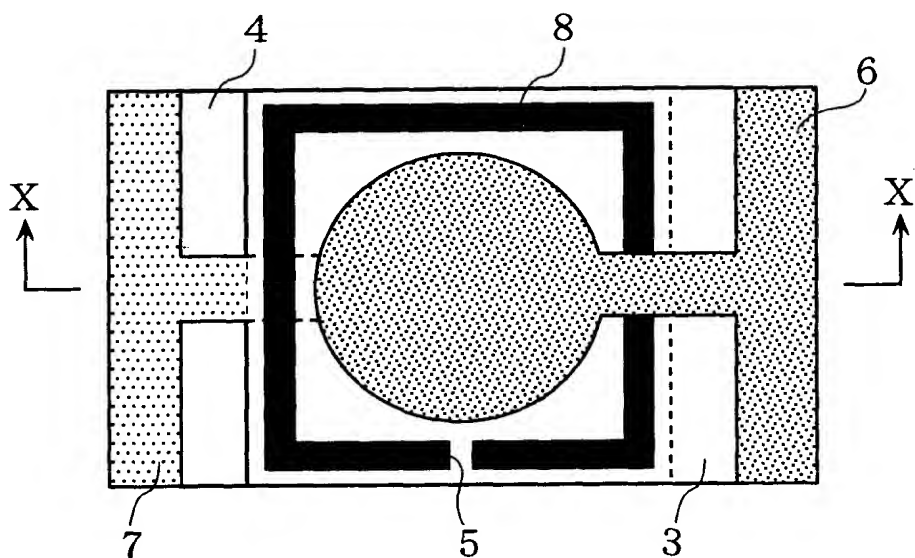


Fig. 5

(a)



(b)

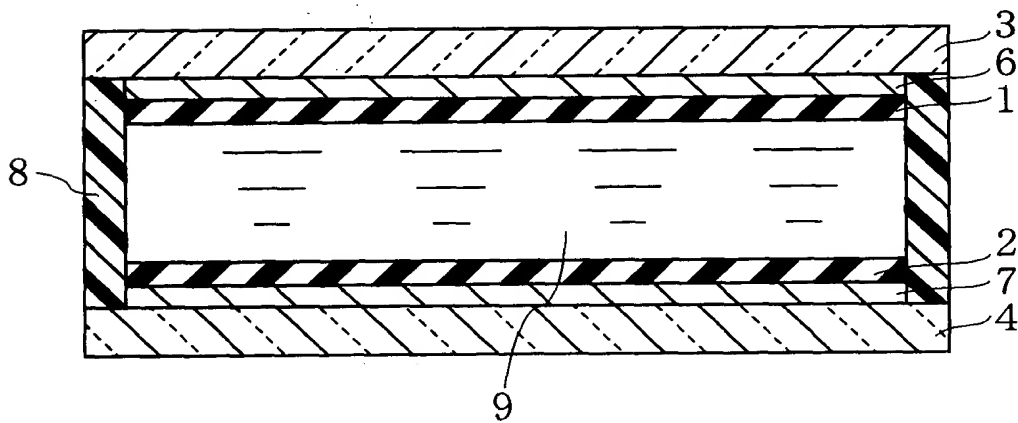
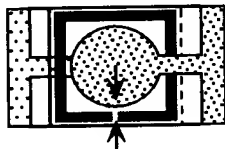
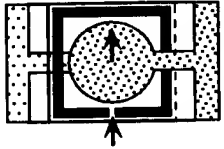
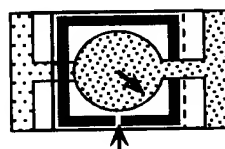
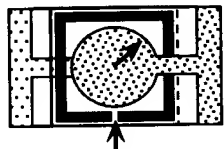
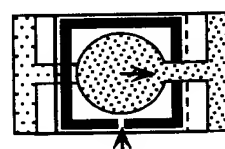
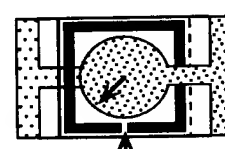
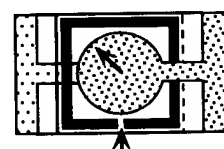
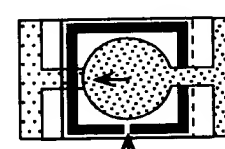


Fig. 6

	Relation between Alignment Processing Direction and Liquid Crystal Injection Direction	
H-1		 $\alpha = 0^\circ \text{ (} 360^\circ \text{)}$ $\alpha = 180^\circ$
H-2		 $\alpha = 45^\circ$ $\alpha = 135^\circ$
H-3	 $\alpha = 90^\circ$	
H-4		 $\alpha = 315^\circ$ $\alpha = 225^\circ$
H-5	 $\alpha = 270^\circ$	

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Fig. 7

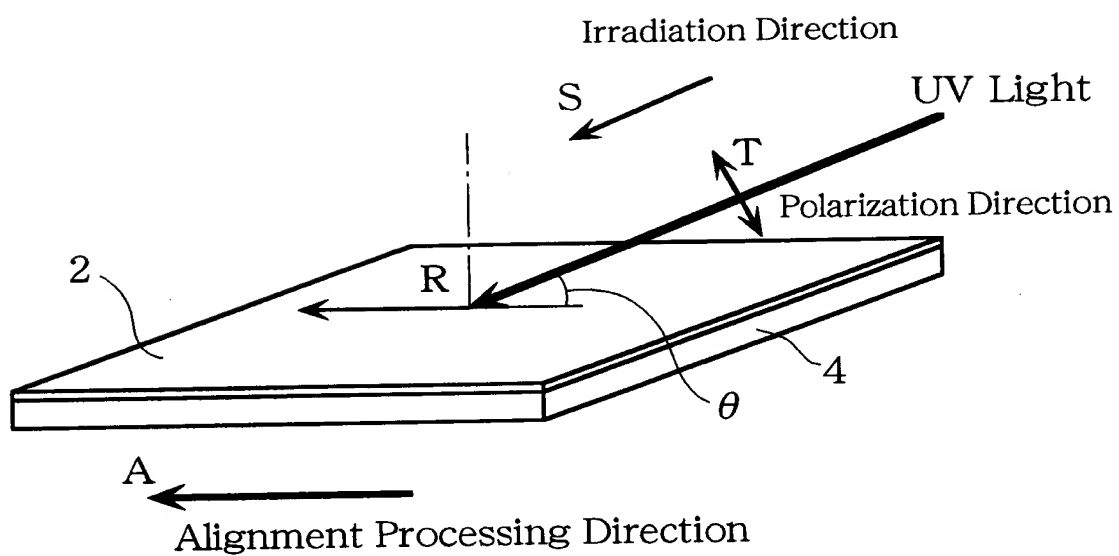


Fig. 8


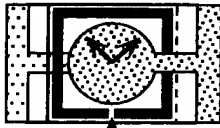

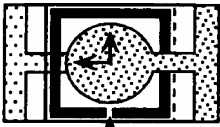
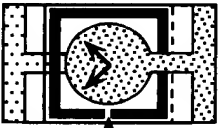
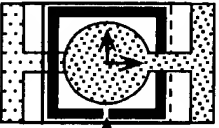
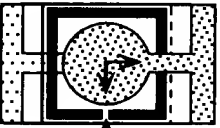
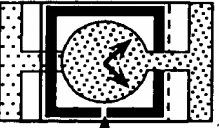
	Relation between Alignment Processing Direction and Liquid Crystal Injection Direction	
T-1	 	$\beta = 0^\circ (360^\circ)$ $\beta = 180^\circ$
T-2	 	$\beta = 315^\circ$ $\beta = 225^\circ$
T-3		$\beta = 270^\circ$
T-4	 	$\beta = 135^\circ$ $\beta = 45^\circ$
T-5		$\beta = 90^\circ$

Fig. 9

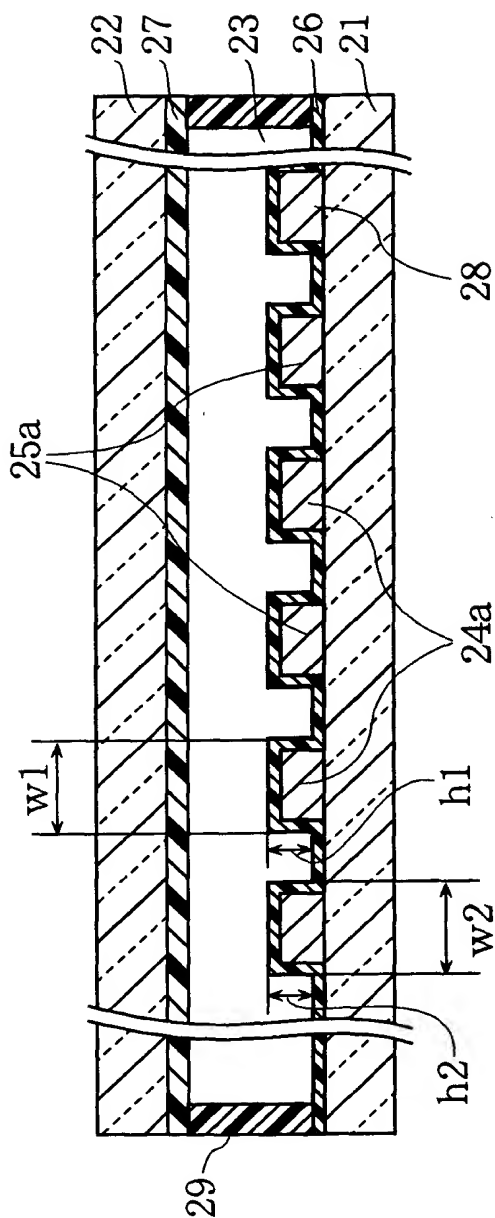


Fig. 10

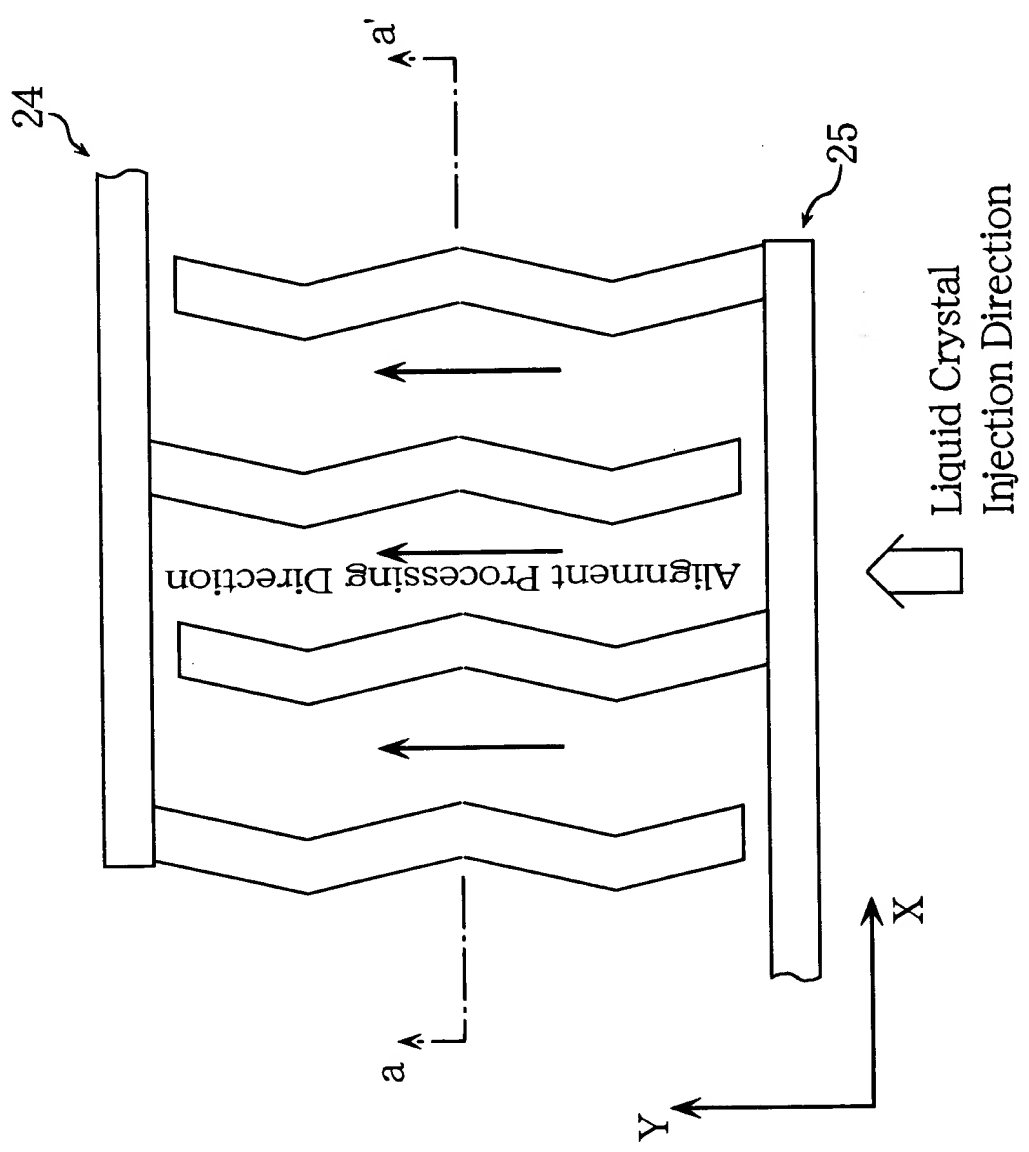


Fig. 11

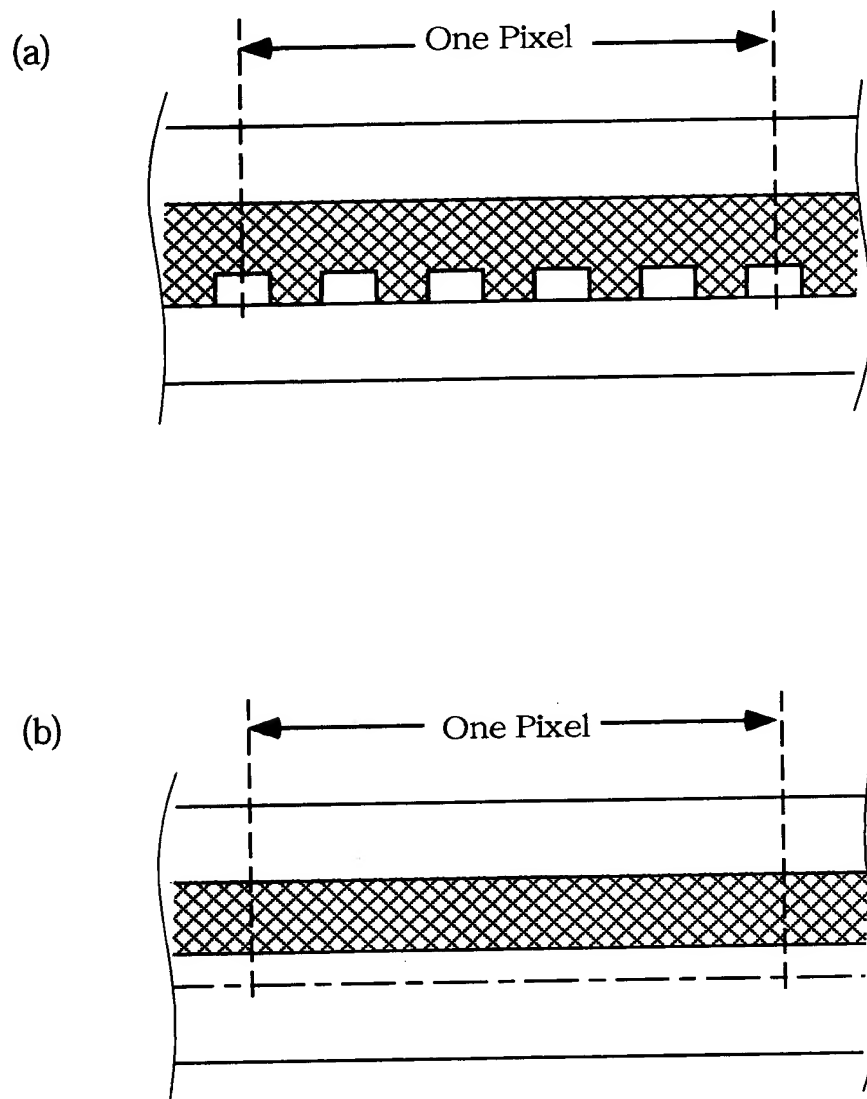


Fig. 12

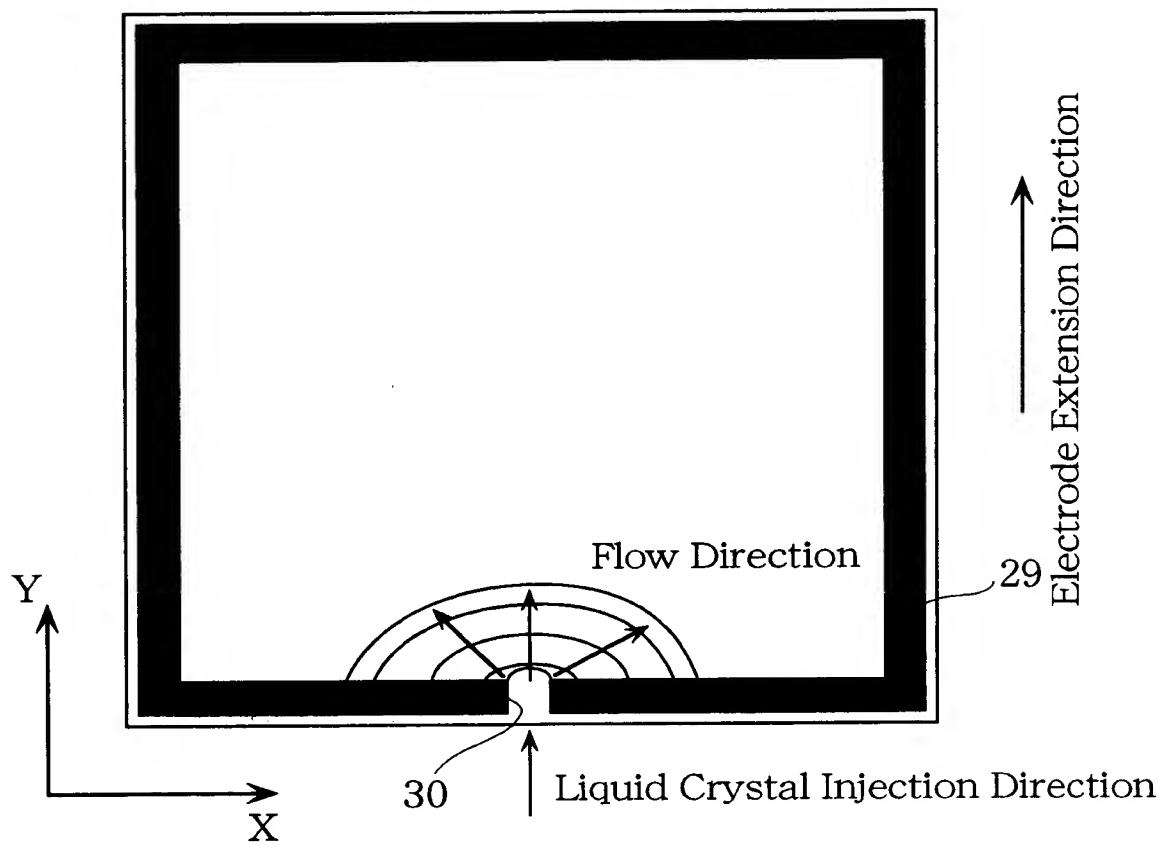


Fig. 13

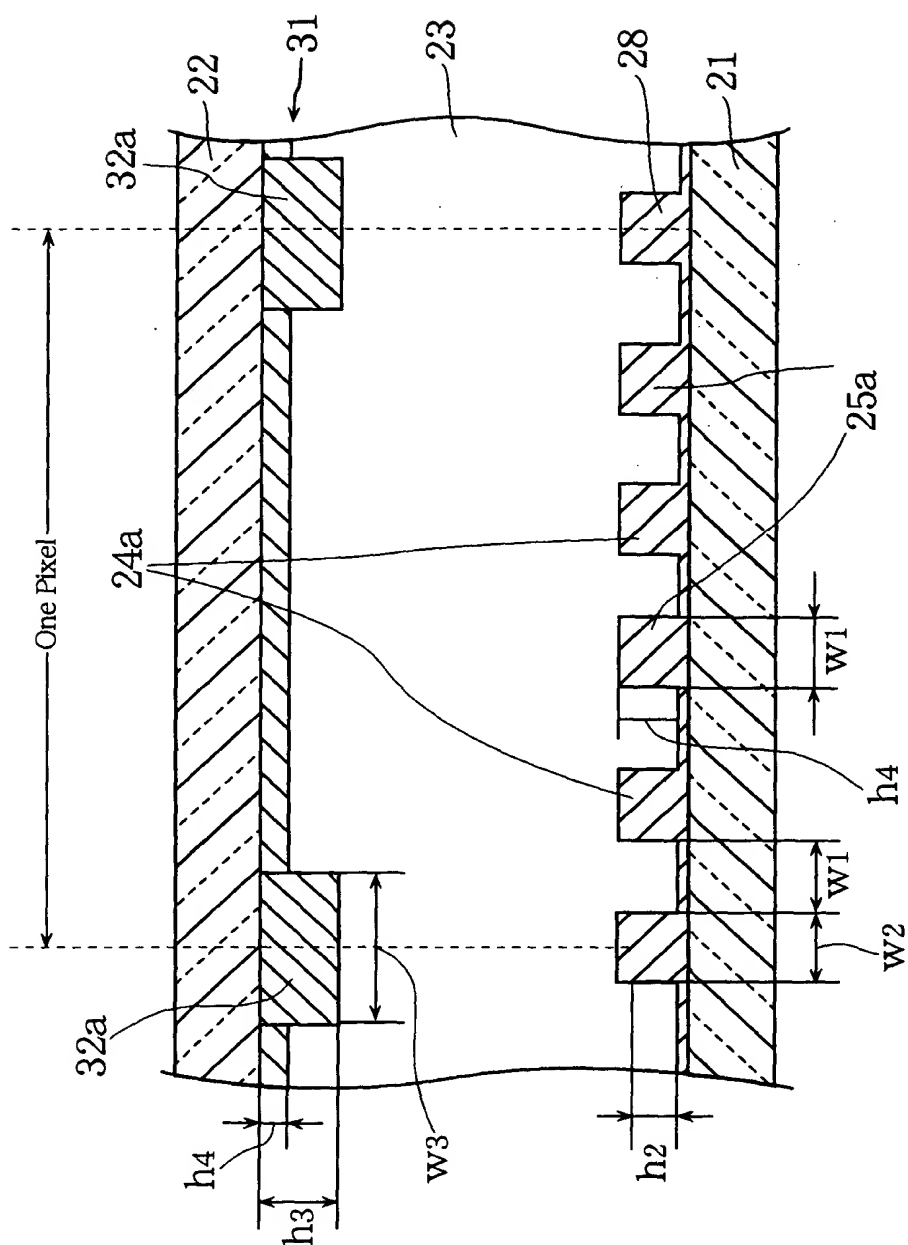


Fig. 14

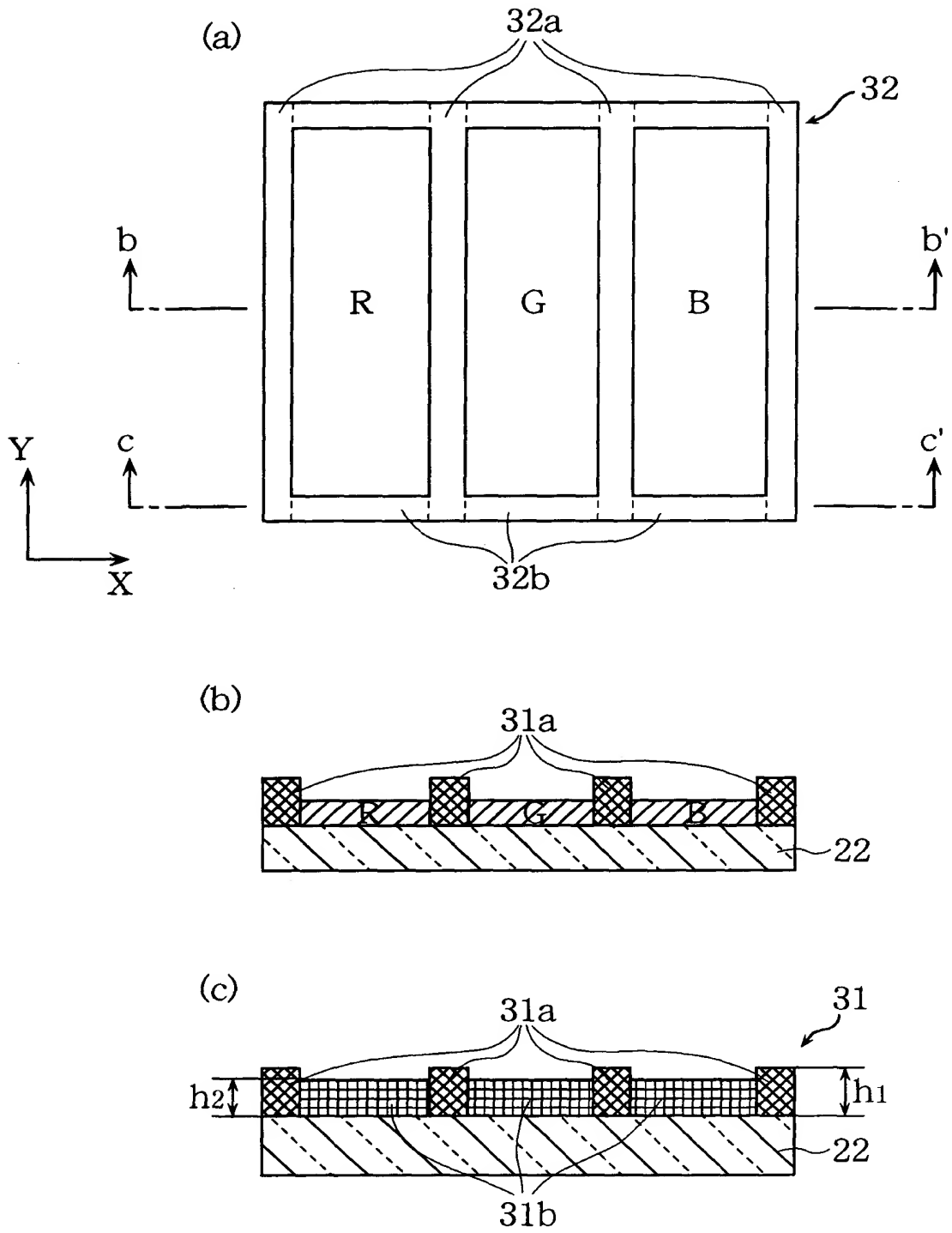


Fig. 15

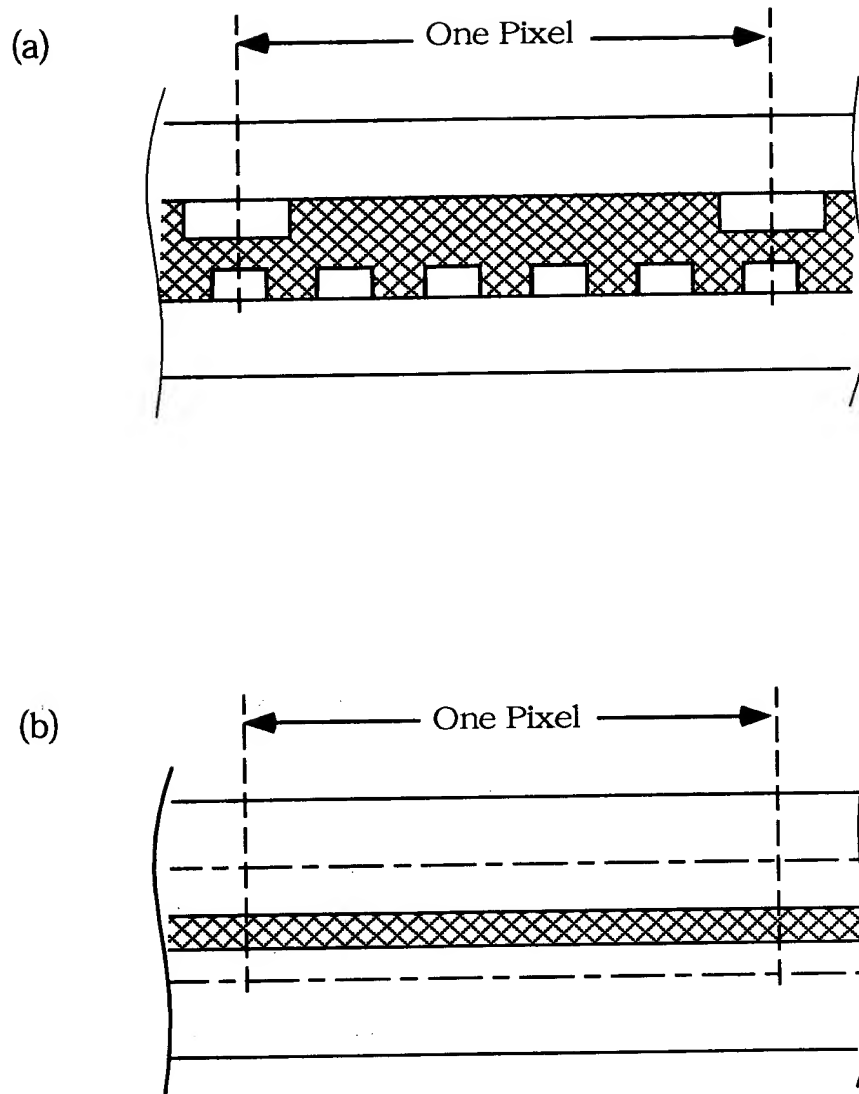


Fig. 16

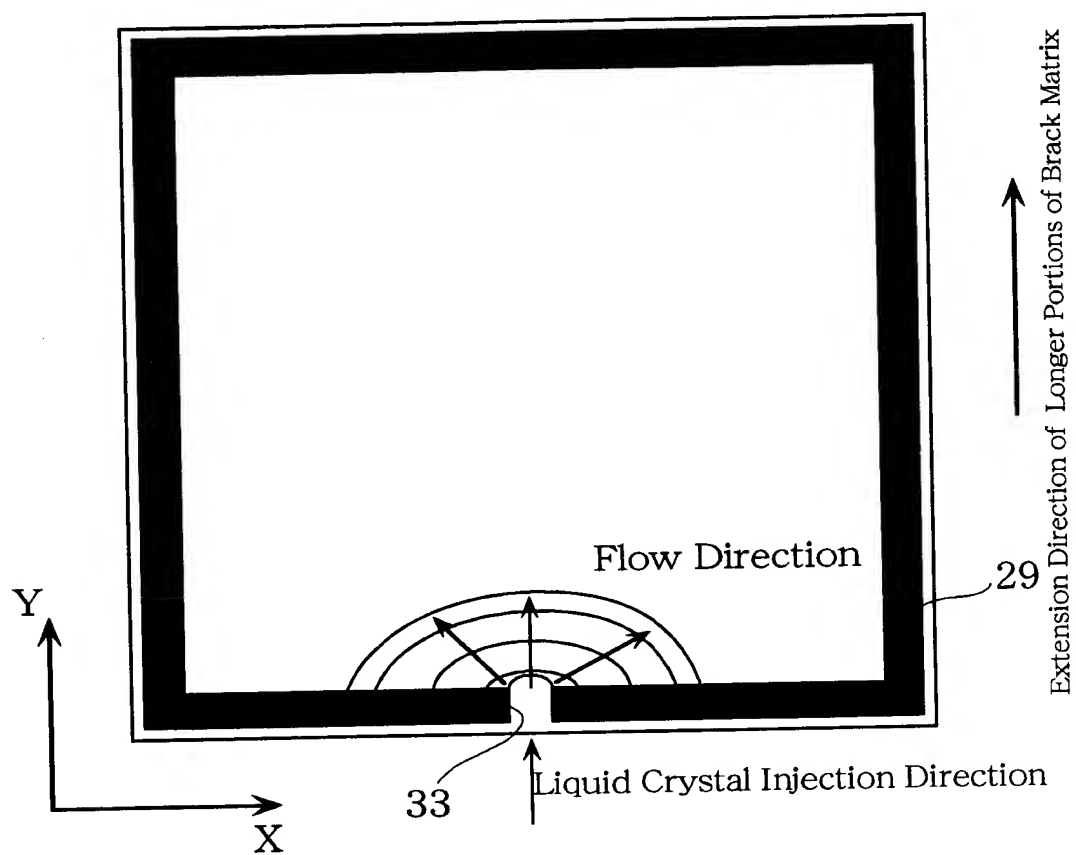


Fig. 17

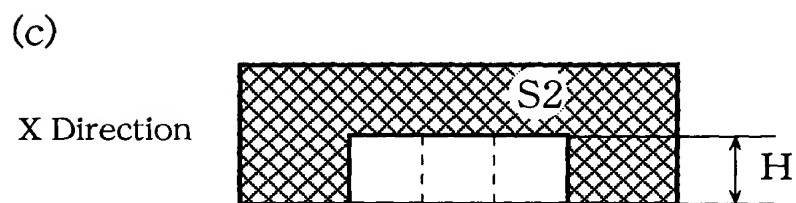
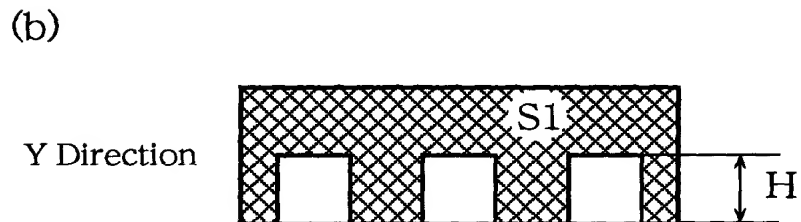
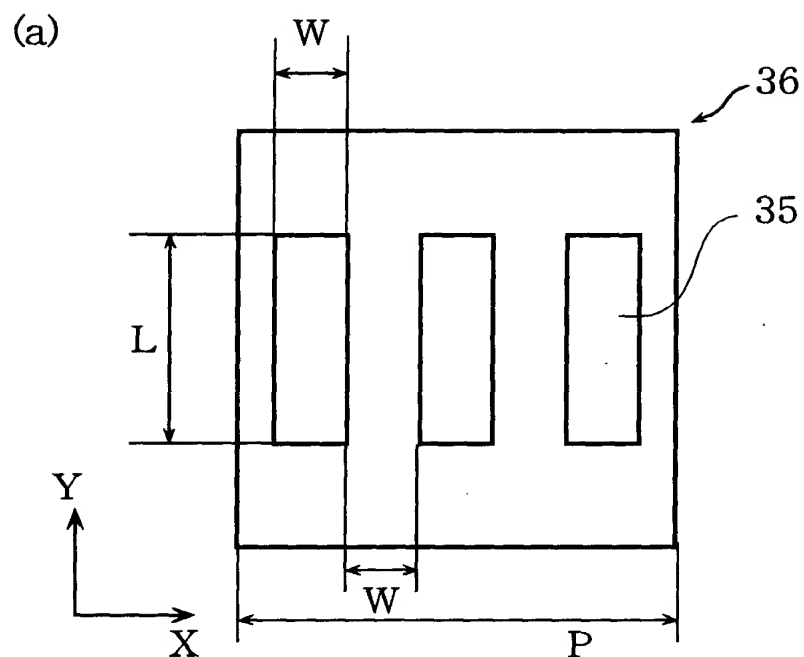
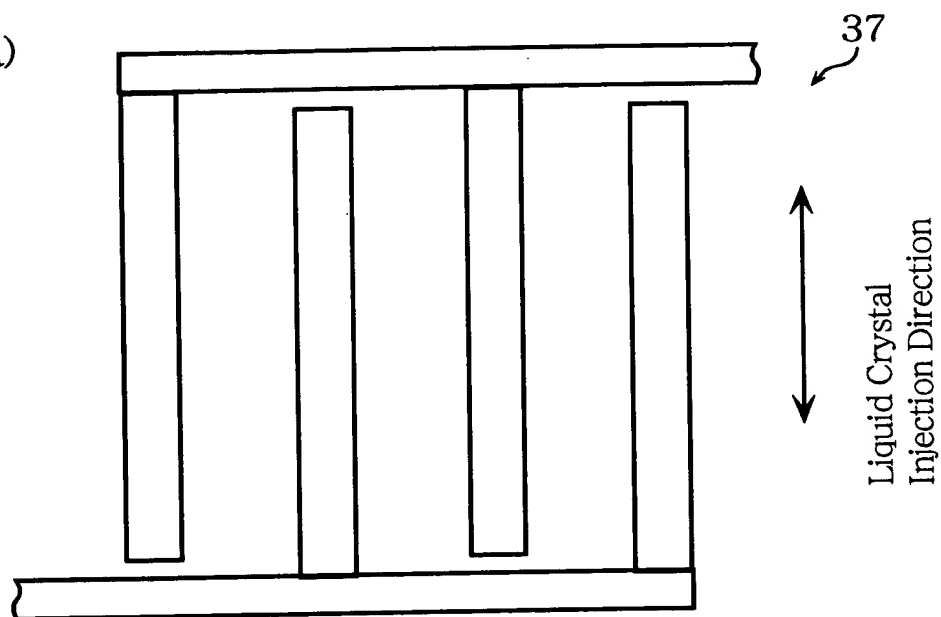


Fig. 18

(a)



(b)

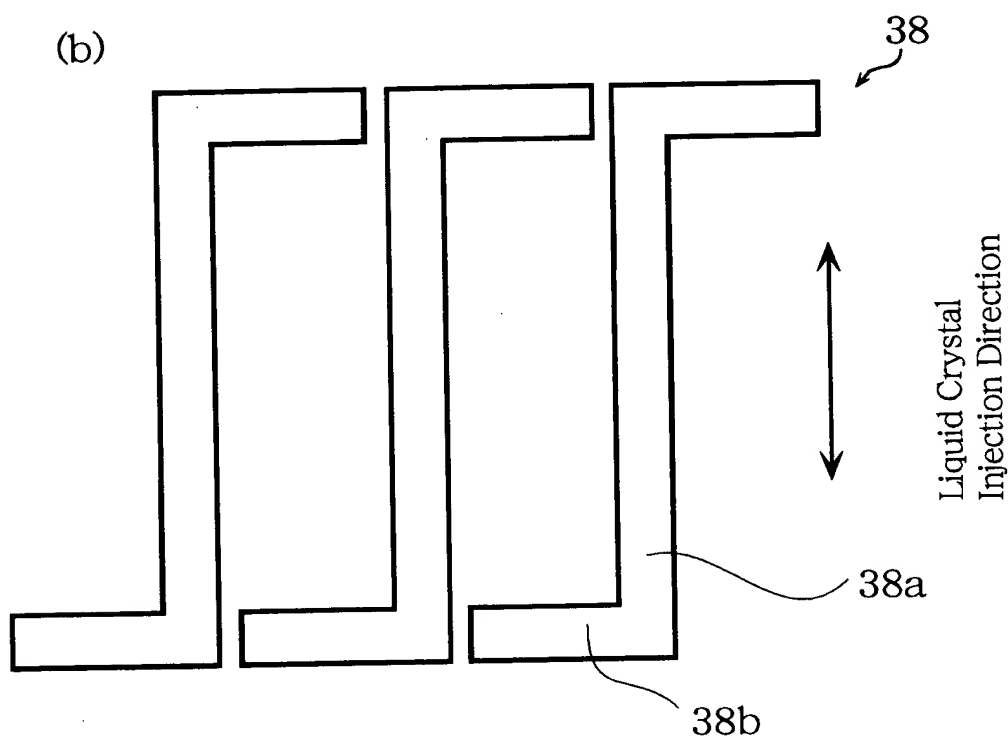


Fig. 20

